L Number	Hits	Search Text	DB	Time stamp
4	1	(mask near5 (mov\$6 or translat\$6 or	USPAT;	2004/03/16
		oscillat\$4 or reciprecat\$6 and rotat\$6)) and	US-PGPUB;	11:33
	ļ	waveguide and (ion same (etch\$6 or	EPO; JPO	
		mill\$6)) and 6015976.pn.	,	
7	1	(mask near5 (mov\$6 or translat\$6 or	USPAT;	2004/03/16
		oscillat\$4 or reciprecat\$6 and rotat\$6)) and	US-PGPUB;	11:33
		waveguide and (ion same (etch\$6 or	EPO; JPO	
		mill\$6)) and 6015976.pn. and (diffraction	, , ,	
		near grating)		
-	1	20030002793.pn.	USPAT;	2004/03/15
]		US-PGPUB;	19:51
			EPO; JPO	10101
_	13	4415227.pn. or 5078516.pn. or 5172143.pn.	USPAT;	2003/07/09
		or 5265177.pn. or 5278926.pn. or	US-PGPUB;	10:24
		5439782.pn. or 5576149.pn. or 5629999.pn.	EPO; JPO	10124
		or 5844929.pn. or 5854868.pn. or	210,010	
		5868952.pn. or 6108478.pn.		
_	9767	385/14,28,37,43,49,50,129,130,131,132.ccls.	USPAT;	2003/07/09
		or 65/386,403.ccls.	US-PGPUB;	10:28
			EPO; JPO	10.20
_	414	(waveguide near3 taper\$4) and etch\$6 and	USPAT;	2003/07/09
_	717	mask	US-PGPUB;	16:37
		iliask	•	10:37
	108267	385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	EPO; JPO	2004/04/07
-	100207	or 65/\$6.ccls. or 359/\$6.ccls. and	USPAT;	2004/01/07
		372/\$6.ccis. 01 339/\$6.ccis. and	US-PGPUB;	09:57
_	260	(385/\$6.ccis. or 398/\$6.ccis. or 216/\$6.ccis.	EPO; JPO USPAT;	2002/07/00
-	200	or 65/\$6.ccls. or 359/\$6.ccls. and		2003/07/09 10:31
			US-PGPUB;	10:51
		372/\$6.ccls.) and ((waveguide near3	EPO; JPO	
	23	taper\$4) and etch\$6 and mask)	HCDAT.	2004/04/07
	23	(waveguide near3 taper\$4) and etch\$6 and	USPAT;	2004/01/07
		(mask near2 (mov\$6 or translat\$6 or	US-PGPUB;	10:02
	19	oscillat\$4 or reciprecat\$6))	EPO; JPO	2002/07/00
•	19	(waveguide near3 taper\$4) and etch\$6 and	USPAT;	2003/07/09
		(mask near2 (mov\$6 or translat\$6 or	US-PGPUB;	15:29
	42	oscillat\$4 or reciprecat\$6)) and ion	EPO; JPO	2002/07/00
•	12	(waveguide near3 taper\$4) and etch\$6 and	USPAT;	2003/07/09
		(mask near2 (mov\$6 or translat\$6 or	US-PGPUB;	16:02
		oscillat\$4 or reciprecat\$6)) and ion and	EPO; JPO	
	40	silicon		0000/07/00
-	12	(waveguide near3 taper\$4) and etch\$6 and	USPAT;	2003/07/09
		(mask near2 (mov\$6 or translat\$6 or	US-PGPUB;	16:03
:		oscillat\$4 or reciprecat\$6)) and ion and	EPO; JPO	
		silicon and mask		
-	190	(waveguide near3 taper\$4) and (diffraction	USPAT;	2003/07/09
		near grating) and substrate	US-PGPUB;	17:47
			EPO; JPO	
•	5	(waveguide near3 taper\$4 near vertical)	USPAT;	2003/07/09
		and (diffraction near grating) and substrate	US-PGPUB;	17:50
			EPO; JPO	

•	11	((waveguide near3 taper\$4) with	USPAT;	2003/07/09
		(diffraction near grating)) and substrate	US-PGPUB; EPO; JPO	17:51
-	21	((waveguide near3 taper\$4) same	USPAT;	2004/03/16
		(diffraction near grating)) and substrate	US-PGPUB; EPO; JPO	10:27
-	1	6292609.pn. and ion	USPAT;	2004/01/07
			US-PGPUB; EPO; JPO	09:39
-	1	6292609.pn. and ion and RIE	USPAT;	2004/01/07
			US-PGPUB; EPO; JPO	09:51
•	1	6292609.pn. and ion and RIE and "56"	USPAT;	2004/01/07
		-	US-PGPUB;	09:52
			EPO; JPO	
-	112956	385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls. and	US-PGPUB;	10:25
		372/\$6.ccls.	EPO; JPO	
-	3554	(ion near2 (etch\$6 or mill\$6)) and taper\$6	USPAT;	2004/01/07
		and mask	US-PGPUB;	10:35
			EPO; JPO	
-	727	(385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls. and	US-PGPUB;	10:02
		372/\$6.ccls.) and ((ion near2 (etch\$6 or	EPO; JPO	
		mill\$6)) and taper\$6 and mask)		
-	7484	(mask near2 (mov\$6 or translat\$6 or	USPAT;	2004/01/07
		oscillat\$4 or reciprecat\$6))	US-PGPUB;	10:25
			EPO; JPO	
-	16	((385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls. and	US-PGPUB;	10:05
		372/\$6.ccls.) and ((ion near2 (etch\$6 or	EPO; JPO	
		mill\$6)) and taper\$6 and mask)) and ((mask		
		near2 (mov\$6 or translat\$6 or oscillat\$4 or reciprecat\$6)))		
•	201951	385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls.	US-PGPUB; EPO; JPO	10:25
-	7484	(mask near2 (mov\$6 or translat\$6 or	USPAT;	2004/03/15
		oscillat\$4 or reciprecat\$6 and rotat\$6))	US-PGPUB;	19:52
		•	EPO; JPO	
	21	(385/\$6.ccis. or 398/\$6.ccis. or 216/\$6.ccis.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls.) and ((mask	US-PGPUB;	10:26
		near2 (mov\$6 or translat\$6 or oscillat\$4 or	EPO; JPO	
		reciprecat\$6 and rotat\$6))) and ((ion near2		
		(etch\$6 or mill\$6)) and taper\$6 and mask)		
-	10728	etch\$6 and taper\$6 and mask	USPAT;	2004/01/07
			US-PGPUB;	10:35
			EPO; JPO	
	59	(385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls.) and ((mask	US-PGPUB;	11:08
		near2 (mov\$6 or translat\$6 or oscillat\$4 or	EPO; JPO	(-
		reciprecat\$6 and rotat\$6))) and (etch\$6		
		and taper\$6 and mask)		

Search History 3/16/04 12:33:23 PM Page 2

-	380	(385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/07
		or 65/\$6.ccls. or 359/\$6.ccls.) and (etch\$6	US-PGPUB;	11:09
		and taper\$6 and mask) and (taper\$6 near4	EPO; JPO	
		(waveguide or core))		
_	209	(385/\$6.ccls. or 398/\$6.ccls. or 216/\$6.ccls.	USPAT;	2004/01/08
		or 65/\$6.ccls. or 359/\$6.ccls.) and (etch\$6	US-PGPUB;	09:15
		and taper\$6 and mask) and (taper\$6 near4	EPO; JPO	
		(waveguide or core)) and ((lon near2		
		(etch\$6 or mill\$6)) and taper\$6 and mask)		
-	1	6525296.pn. and (ion or RIE)	USPAT;	2004/01/07
			US-PGPUB;	12:01
			EPO; JPO	
-	3	("5462700" "5726962" "6002515").PN.	USPAT	2004/01/07
				12:04
-	3	6292609.URPN.	USPAT	2004/01/07
				12:07
•	7	("4691982" "4693544" "4705346"	USPAT	2004/01/07
		"4737015" "4776655" "4778236"		12:08
		"4792200").PN.		
-	6	4865407.URPN.	USPAT	2004/01/07
				12:08
-	6	4865407.URPN.	USPAT	2004/01/07
				12:12
-	148	(385/\$6.ccls. or 398/\$6.ccls.) and (taper\$6	USPAT;	2004/01/08
		near4 (waveguide or core)) and (diffraction	US-PGPUB;	09:30
		near grating) and substrate	EPO; JPO	
-	7685	(mask near2 (mov\$6 or translat\$6 or	USPAT;	2004/03/15
		oscillat\$4 or reciprecat\$6 and rotat\$6))	US-PGPUB;	19:52
			EPO; JPO	
•	67	(mask near2 (mov\$6 or translat\$6 or	USPAT;	2004/03/16
		oscillat\$4 or reciprecat\$6 and rotat\$6)) and	US-PGPUB;	09:20
		waveguide and (ion same (etch\$6 or	EPO; JPO	
		mill\$6))		
-	0	20010050271.URPN.	USPAT	2004/03/16
				08:27
•	108	(mask near5 (mov\$6 or translat\$6 or	USPAT;	2004/03/16
		oscillat\$4 or reciprecat\$6 and rotat\$6)) and	US-PGPUB;	11:26
		waveguide and (ion same (etch\$6 or	EPO; JPO	
		mill\$6))		
•	22	((waveguide near3 taper\$4) same	USPAT;	2004/03/16
		(diffraction near grating)) and substrate	US-PGPUB;	10:27
			EPO; JPO	